Reverse-Proxy API Debugger

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Audience: Hiring managers, product leaders, and engineers who want the "so what?"
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Role: Builder/Owner (end-to-end)
Link to code: *(https://github.com/swapnilmittal1/reverese_proxy_api_debugger)*

Overview

When a product's APIs act up in production, teams lose time piecing together what actually happened. I built a tool that **captures the full story of every failing API call** and turns it into **clear, plain-English insights** with suggested next steps. A simple web dashboard helps you search, sort, and review issues fast—so on-call engineers can fix problems without digging through five different systems.

The Problem

- Incidents are hard to reproduce.
- Logs are scattered and often incomplete.
- Customers wait while teams try to "guess and check."

What the Tool Does

- **Sees the whole picture:** Saves request + response details for problem calls.
- **Explains what likely went wrong:** Adds short, human-readable summaries.
- **Keeps it simple:** One place to review recent issues, spot patterns, and hand off context.

Outcomes & Value

- **Faster triage:** Less time hunting for evidence; more time fixing.
- **Clear handoffs:** Anyone joining an incident can get up to speed quickly.
- **Low risk:** Designed to observe without getting in the way of live traffic.

My Contributions

Product definition → data model → automation that generates insights → clean dashboard → packaging for easy trial.

Why It Matters

This project shows I can **turn a messy reliability problem into a practical, easy-to-use tool** that saves teams time and reduces customer impact.